

PRICE LIST

OF

hemical pparatus,

SOLD BY

BEWLEY & DRAPER, LIMITED,

IMPORTERS OF

German & Bohemian Glass Apparatus,

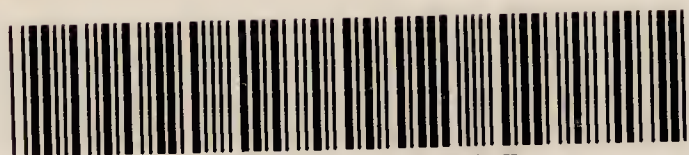
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CATALOGUE

OF

CHEMICAL APPARATUS,

&c., &c.

TERMS—
NETT CASH. PRICES SUBJECT TO VARIATION.

								s.	d.
Adapters for connecting Retorts and Receivers, small									
						each		0	6
Arsenic Apparatus , Marsh's form	-	-	-	-	-			6	0
<i>Other forms to order.</i>									
Tubes, any form,	-	-	-	-	-	per doz.		1	0
Asbestos Millboard, 4" × 4"									
			4d.			6" × 6"			
						6d.			
Beaker's , Finest Bohemian Glass, for hot solutions									
No. 00	1 1/4	oz.	each	2d.	-	-	per doz.	1	6
„ 0	1 3/4	„	„	3d.	-	-	„	2	9
„ 1	3	„	„	4d.	-	-	„	3	9
„ 2	4 1/2	„	„	5d.	-	-	„	4	6
„ 3	7	„	„	6d.	-	-	„	5	6
„ 4	11	„	„	7d.	-	-	„	6	6
„ 5	16	„	„	8d.	-	-	„	7	6
„ 6	22	„	„	9d.	-	-	„	8	0
„ 7	32	„	„	10d.	-	-	„	9	0
„ 8	46	„	„	1/-	-	-	„		
„ 9	64	„	„	1/2	-	-	„		
„ 10	90	„	„	1/6	-	-	„		
„ 11	120	„	„	1/8	-	-	„		
„ 12	150	„	„	1/10	-	-	„		
Phillips' Conical Form, 5 oz. each 6d.,									
10 oz. each 9d. 20 oz. 1/-									
Burettes —Binks', 20 30 50 c.c.									
	2/6	3/-	3/6	and	4/-	each.			
Mohr's	10	20	25	50	100.				
with Pinchcock and Jet, 2/- 2/3 2/6 3/- to 4/- 4/- to 6/- each.									
Glass Stopcocks to above, 1/9 each extra.									

Blowpipes—Black's, Japanned Tin, - - -	each	s.	d.
„ Brass, Ivory mouthpiece - „	„	0	8
Platner's Form do. do - „	„	1	6
Fletcher's, at <i>Fletcher's List Prices.</i>	„	2	0

Basins. (See Capsules.)

Bottles. (See last page.)

Boats—Porcelain, $3'' \times \frac{1}{2}''$	$3\frac{1}{2}'' \times \frac{3}{4}''$
3d. each.	6d. each.

Bulb Tubes— $\frac{1}{2}$ oz. and 1 oz. - - -	each	0	2
2 oz. - - -	„	0	3

Boiling Tubes—6 inches \times 1 inch - -	per doz.	1	0
6 „ \times $1\frac{1}{4}''$ „ - -	„	1	4
7 „ \times $1\frac{1}{4}''$ „ - -	„	1	9
8 „ \times 1 „ - -	„	1	6
8 „ \times $1\frac{1}{2}''$ „ - -	„	2	6

Burners—Fletcher's Gas. Special List on application.

Capsules, for evaporating, with spout, finest Berlin porcelain.

No. 00 capacity 2 oz. - -	each	0	4
„ 0 „ $2\frac{1}{2}$ „ - -	„	0	6
„ 1 „ 3 „ - -	„	0	8
„ 2 „ 4 „ - -	„	0	10
„ 3 „ 6 „ - -	„	1	0
„ 4 „ 8 „ - -	„	1	2
„ 5 „ 10 „ - -	„	1	6
„ 6 „ 15 „ - -	„	1	9
„ 7 „ 25 „ - -	„	2	3
„ 8 „ 45 „ - -	„	2	9
„ 9 „ 80 „ - -	„	4	6
„ 10 „ 140 „ - -	„	7	0

Corks—Small size, selected - -	per doz.	0	2
Large „ „ „ - -	„	0	4

India Rubber:

$\frac{1}{4}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{3}{8}$ $1\frac{1}{2}$ $1\frac{5}{8}$ $1\frac{3}{4}$ 2 inch diameter, small	
3d. 4d. 4d. 5d. 6d. 7d. 8d. 9d. 10d. 11d. 1/1 1/9 each.	end.

Cork Borers—In sets of 3 6 and 12	
$1/2$ $2/6$ 6/- per set.	

Crucibles—Finest Berlin Porcelain, with cover.

No. 00 capacity $\frac{1}{4}$ oz. - -	each	0	4
„ 0 „ $\frac{3}{8}$ „ - -	„	0	6
„ 1 „ $\frac{3}{4}$ „ - -	„	0	8
„ 2 „ $1\frac{1}{2}$ „ - -	„	0	10
„ 3 „ 2 „ - -	„	1	0

						s.	d.
Crucibles. —(<i>Continued.</i>)							
Battersea, Round Clay.							
Height, $2\frac{5}{8}$ inch	-	-	-	per doz.	0	6	
„ $3\frac{1}{2}$ „	-	-	-	„	0	10	
„ 4 „	-	-	-	„	1	0	
„ 5 „	-	-	-	„	1	9	
„ 8 „	-	-	-	„	6	6	
„ 10 „	-	-	-	each	1	6	
„ 12 „	-	-	-	„	2	0	
Patent Salamander and Hessian Crucibles, all sizes.							

Drying Ovens to order.

Dessicator—Bell glass cover and ground-glass plate.

5 inch cover	-	5	0
8 „ „	-	10	0

Fat Extraction Apparatus.

	small.	medium.	large.
Soxhlet's,	3/-	3/6	5/-
Drechsel's,	2/6	3/-	4/-

Filter Paper, Rhenish.

Ordinary, 18 × 21 inches.	-	per ream	£1	5	0
Extra Stout, 22 × 22 „	-	„	£3	15	0
Circular, in pkts. 100 each.					
$2\frac{1}{2}$	$3\frac{1}{2}$	$4\frac{1}{2}$	5	$5\frac{7}{8}$	$7\frac{1}{4}$
$9\frac{1}{4}$	$10\frac{1}{2}$	$12\frac{1}{4}$	$15\frac{1}{4}$		
4d.	5d.	6d.	7d.	9d.	11d.
$1/8$	$2/4$	$2/9$	$3/3$	per pkt.	
Extracted by Hydrochloric and Hydrofluoric acid.					
$2\frac{1}{4}$	$2\frac{3}{4}$	$3\frac{1}{2}$	$4\frac{3}{8}$	5	$5\frac{1}{2}$
inch diameter.					
$1/6$	$1/8$	$2/6$	3/-	$3/3$	$3/9$
per pkt. 100.					

Filter Paper—Swedish.

$2\frac{1}{4}$	$2\frac{3}{4}$	$3\frac{3}{4}$	$4\frac{1}{2}$	$5\frac{1}{2}$	$7\frac{1}{2}$
inch diameter.					
4d.	5d.	10d.	1/-	$1/6$	2/-
per pkt.					

Flasks —Best Bohemian, for Boiling.						s.	d.
Capacity.							
2	oz.	-	-	-	-	each	0 3
4	„	-	-	-	-	„	0 4
6	„	-	-	-	-	„	0 5
8	„	-	-	-	-	„	0 6
12	„	-	-	-	-	„	0 7
16	„	-	-	-	-	„	0 8
20	„	-	-	-	-	„	0 9
32	„	-	-	-	-	„	0 11
40	„	-	-	-	-	„	1 0
48	„	-	-	-	-	„	1 2
64	„	-	-	-	-	„	1 4

Flasks.—(Continued.)

Capacity.

							s.	d.
80 oz.	-	-	-	-	-	each	1	6
100 „	-	-	-	-	-	„	1	9
200 „	-	-	-	-	-	„	3	0

Conical Form, best.

2 4 6 8 10 16 32 oz.

3d. 4d. 4d. 5d. 5d. 6d. 8d. each.

Bohemian Globular.

10 18 36 48 lbs. capacity.

2/6 4/6 5/6 8/- each.

Graduated :

10	25	50	100	150	200	250	500	1000	C. C.
4d.	5d.	6d.	9d.	10d.	1/-	1/2	1/3	1/6	each.

Forceps —Brass.	-	-	-	-	each	0	6
Nickel Silver	-	-	-	-	„	1	0
Steel	-	-	-	-	„	1	0
Brass, with platinum points	-	-	-	-	„	4	6
Steel, with platinum	-	-	-	-	„	6	6

Funnels—Best Bohemian Glass ; sides inclined at an angle of 60°, ribbed or plain.

Diam. 1 inch each	0	3	Diam. 5½ inch each	1	0
„ 1½ „ „	0	3	„ 6½ „ „	1	3
„ 2½ „ „	0	5	„ 7½ „ „	1	6
„ 3¼ „ „	0	6	„ 8½ „ „	2	3
„ 4¼ „ „	0	8	„ 10¾ „ „	3	6

Thin blown glass, 1 in. to 1¾ in.

White Stoneware, fluted inside.

4¼ in. 1/- each, 5½ in. 1/10 each, 7 in. „ 3 0

Funnel Holder —Turned wood, stained black, for one	1	0
Turned wood, stained black, for two	2	6
„ „ „ „ large	5	0
„ mahogany „ „ one	2	6
„ „ „ „ two	4	0

Furnaces, Gas—See *Fletcher's List*, to be had on application.**Gas Jars**—Capacity 10 20 30 40 60 100 oz.

Plain 8d. 10d. 1/3 1/6 2/- 4/6 each.

Stoppered, 1/- 1/4 1/8 2/- 3/- 6/- „

Gas Cylinders, on foot, with ground flange on top.

Height 6 in. 8 in. 12 in. 16 in. 20 in.

Diameter, 1½ „ 1¾ „ 3 „ 2½ „ 3 „

Price 9d. 1/- 1/10 2/3 2/9 „

Gas Deflagrating Spoon, with Brass Cap „ 1 0**Glass Capsules**, 1 2 3 5 8 16 25 oz.

2d. 3d. 4d. 5d. 6d. 9d. 1/- „

Gluey's Fractional Distillation Tubes. s. d.

Small, 4/- medium, 4/6 large, 5/-

Holders for Test Tubes.

Flat form, strong springs, in wood handles each 1 0

Iron Stands for Retorts.

3 rings, length of rod, 10 inches ,, 1 3

2 ,, ,, 12 ,, ,, 1 10

3 ,, ,, 17 ,, diameter of largest ring, 3 $\frac{1}{4}$ inches - - ,, 3 03 rings, rod 20 in. long, largest ring 4 $\frac{1}{4}$ in. diameter - - - ,, 4 6*Prices for larger sizes on application.***Iron Wire Gauze**—Fine, 3 in. \times 3 in. - - ,, 0 3,, 12 in. \times 12 in. - - ,, 1 6**Kerr's Gas Tube** - - - ,, 1 3**Labels for Reagents.**

In sheets of 100 labels, large type, new notation - - - ,, 0 6

Do. do. in books of 400 labels ,, 1 0

Lamps for Spirit.

Glass, Ground Glass Cap, and Earthenware Wick-holder.

1 oz. 4 oz. 8 oz.

10d. 1/- 1/6

1/4 1/10 2/3, with

Brass Screw Wick-holder.

Bunsen Gas Burners—Diameter of GasBurner, $\frac{3}{8}$ inch $\frac{9}{16}$ inch $\frac{3}{4}$ inch.

1/3 2/6 3/6

Miniature form, for flame testing, 1/2 each.

Liebig's Condenser.On Iron Tripod Foot ; tube 38 in. \times $\frac{7}{8}$ in. ,, 15 0

Do. do. large size - ,, £1 1 0

Do. glass body and tubes only

2/6, 2/9, and 3/6

Liebig's Drying Tube - - - ,, 0 9

,, Potash Bulbs in case - - - ,, 1 3

Measures, Graduated.

Minims, Drams, and Ounces—1 & 2 dram

9d. ; 1 & 2 oz. 10d. ; 4 & 5 oz. 1/4 ; 8 oz.

1/9 ; 10 oz. 2/- ; 20 oz. 2/6 ; 40 oz. 4/6.

50 100 150 250 Cubic Cent.

1/3 1/6 1/9 3/-

Mitcherlich's Potash Bulbs - - - ,, 1 3

		s.	d.
Mortars —Hardest Polished Steel, for crushing Mine-			
rals ; diameter of Pestle, $\frac{3}{8}$ inch	- each	6	6
in three pieces - $\frac{5}{8}$ „	- „	16	0
Mortars and Pestles —Iron ; diam. 4 inches			
„ „ „ 5 „	„	2	3
„ „ „ $7\frac{1}{4}$ „	„	4	0
„ „ Wedgwood Ware ; wood handle	„	5	6
to Pestle, diam. 3 inch	„	1	3
„ 4 „	„	1	6
„ $5\frac{1}{2}$ „	„	2	6
„ 7 „	„	4	0
„ 8 „	„	5	0
„ 10 „	„	9	0
Nitrogen —Bulbs - - - - 9d. „ and			
„ Tubes, with Stop Cock, graduated 30 cc. in $\frac{1}{5}$ „	„	4	6
„ „ „ „ 50 cc. in $\frac{1}{5}$ „	„	5	6
Ozone —Tube - - - - „			
		6	0
Pipe Clay —Triangles - - - - „			
		0	2
Pipettes —Graduated, cubic centimetres.			
1 2 5 10 15 20 25 30 50 100 cc.			
3d. 4d. 5d. 6d. 8d. 9d. 10d. 10d. 11d. 1/- each			
Graduated cc. divided into parts.			
1 cc. graduated into 10 parts	- „	0	8
1 cc. „ 100 „	- „	1	3
2 cc. „ 50 „	- „	1	3
5 cc. „ 25 „	- „	1	0
5 cc. „ 50 „	- „	1	3
10 cc. „ 50 „	- „	1	0
10 cc. „ 100 „	- „	1	3
20 cc. „ 100 „	- „	1	6
25 cc. „ 50 „	- „	1	6
50 cc. „ 100 „	- „	3	6
100 cc. „ 200 „	- „	4	0
Platinum —Basins, Crucibles, &c., to order.			
Potash —Bulb, Liebig's, in case - - „			
		1	3
Pumps —Glass, for filtering by water pressure, various			
forms - - - - „ 1/6 &		2	6
„ Sprengel's, complete on stand - „		3	3
		0	
Rods —Glass - - - - per lb.			
„ Cut in lengths and ends rounded - „		1	0
		2	6

Retorts—For distillation, best Bohemian Glass.				s.	d.
Capacity.	Plain.	Tubulated.	Stoppered.		
2 oz.	3d.	4d.	6d.		
4 oz.	4d.	5d.	7d.		
6 oz.	4½d.	5d.	8d.		
8 oz.	5d.	6d.	9d.		
12 oz.	6d.	7d.	10d.		
16 oz.	7d.	8d.	1/-		
20 oz.	8d.	9d.	1/1		
24 oz.	9d.	10d.	1/3		
32 oz.	10d.	1/-	1/6		
40 oz.	1/-	1/2	1/8		
48 oz.	1/2	1/4	1/10		
64 oz.	1/3	1/6	2/-		
100 oz.	1/6	2/-	3/-		
160 oz.	2/-	2/6	3/6		

Separators—Cylindrical, with Stopper and Stopcock.				
Capacity	10	20	30	40 oz.
	3/-	3/6-	4/-	4/6

Spatulas—Steel, in wood balance handle.					
Length of Blade	3	4	5	6	7 inch.
	7d.	8d.	9d.	10d.	1/- each.

Spiral Condensers—Glass Worm, enclosed in outer					
glass tube	-	-	-	each 2/6 & 3	6
Syphons—Glass, plain	-	-	-	4d., 6d. & 0	8
„ „ with Suction Tube	-	-	-	each 1/- & 1	0

Test Tubes.					
Length.		Diameter.		per doz.	
4 inch.		½ inch.		„	0 5
4 „		⅝ „		„	0 6
5 „		⅞ „		„	0 6
5 „		1 ⅛ „		„	0 7
5 „		1 ¼ „		„	0 8
6 „		1 ½ „		„	0 7
6 „		1 ⅝ „		„	0 9
6 „		1 ¾ „		„	0 10
7 „		2 ¼ „		„	1 0

Test Tube Stands.					
One Stage, made of Teak, 6 hole				each	0 8
„ „ 12 „				„	1 0
Two Stage „ 12 „				„	1 2
„ „ 24 „				„	2 6
Teak, with Draining Pegs—6 holes & pegs				„	1 2
„ „ 8 „				„	1 6
„ „ 12 „				„	2 0
Other forms to order.					

Tiles—Testing, Glazed Porcelain, 2 in. × 2 in.		each	s.	d.																		
" " 3 in. × 3 in.		"	0	8																		
" Berlin Porcelain, with 12 cavities		"	1	0																		
		"	1	9																		
Tubes—Boiling (<i>See Boiling Tubes</i>).																						
,, Fractional Distillation (<i>See Gluysky's</i>).																						
,, Glass, free from lead, for bending, connecting apparatus, &c. Diam. outside $\frac{3}{16}$ in. to $\frac{3}{4}$ in.; lengths of about 3 feet, - - - per lb.																						
1 0																						
Glass, fine Quill - - - - - ,, 2 0																						
,, Hardest Bohemian, for combustion - ,, 1 6																						
,, ,, Quill, for Blowpipe use - ,, 1 9																						
,, Vulcanized Rubber—																						
Internal diameter, $\frac{1}{8}$ inch - per foot 0 3																						
,, ,, $\frac{3}{16}$,, - ,, 0 4																						
,, ,, $\frac{5}{16}$,, - ,, 0 6																						
,, ,, $\frac{3}{8}$,, - ,, 0 8																						
,, ,, $\frac{1}{2}$,, - ,, 0 10																						
,, Vulcanized Rubber, best for pressure. Diam. internal $\frac{1}{8}$ inch - ,, 1 6																						
,, ,, $\frac{3}{16}$,, - ,, 3 0																						
,, Glass Y and T - - - each 3d., 4d. & 6d. 0 6																						
Washing Flask, fitted with bent tubes and cork complete																						
<table><tr><td>16</td><td>20</td><td>32</td><td>40 oz.</td></tr><tr><td>1/6</td><td>1/9</td><td>2/-</td><td>2/3 each.</td></tr></table>					16	20	32	40 oz.	1/6	1/9	2/-	2/3 each.										
16	20	32	40 oz.																			
1/6	1/9	2/-	2/3 each.																			
Watch Glasses - - - - - each 1d., per doz. 0 8																						
Water Baths—Copper, made to order.																						
,, Ovens—Do. ,,																						
Weighing Bottles—Tube form - - - per pair 0 4																						
,, ,, Stoppered - - - each 8d. & 1d. 1 0																						
Wire Gauze—Squares, 3 × 3 inches - - - each 0 4																						
,, ,, 12 × 12 ,, - - - ,, 1 6																						
Wood Blocks, 4 inches square, set of six - ,, 2 0																						
Woulfe's Bottles—Bohemian Glass, welted necks.																						
Two or three necks.																						
<table><tr><td>4</td><td>8</td><td>12</td><td>16</td><td>20</td><td>30</td><td>50 oz.</td></tr><tr><td>9d.</td><td>1/2</td><td>1/4</td><td>1/6</td><td>1/9</td><td>2/-</td><td>2/6 each.</td></tr></table>					4	8	12	16	20	30	50 oz.	9d.	1/2	1/4	1/6	1/9	2/-	2/6 each.				
4	8	12	16	20	30	50 oz.																
9d.	1/2	1/4	1/6	1/9	2/-	2/6 each.																
Reagent Bottles—Best Stout German Glass, Flat Stoppers, narrow mouths, for Test Solutions,																						
<table><tr><td>2</td><td>4</td><td>6</td><td>8</td><td>12</td><td>16</td><td>24</td><td>32</td><td>48 oz.</td></tr><tr><td>6/-</td><td>7/-</td><td>8/-</td><td>9/-</td><td>12/-</td><td>13/-</td><td>14/-</td><td>18/6</td><td>24/- per doz.</td></tr></table>					2	4	6	8	12	16	24	32	48 oz.	6/-	7/-	8/-	9/-	12/-	13/-	14/-	18/6	24/- per doz.
2	4	6	8	12	16	24	32	48 oz.														
6/-	7/-	8/-	9/-	12/-	13/-	14/-	18/6	24/- per doz.														
Wide Mouth for Dry Chemicals, } 7/6 8/6 10/- 12/- 14/- 16/- 18/- 23/- 26/- ,, ,,																						

